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*Lori Valdes*  
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Attorney Docket No. 02033/HG



Assistant Commissioner for Patents  
Washington, D.C. 20231

Pursuant to 37 CFR 1.53(b), transmitted herewith for filing is the patent application of

Inventor(s):

Manabu KANNO  
Yoshiyuki WATANABE  
Kaoru SARUTA  
Akira NARUMI

Title: METHOD AND APPARATUS FOR LEACHING ZINC CONCENTRATES

Priority Claim (35 U.S.C. 119) is made, based upon:

Japanese Patent Application No. 2001-91738 filed March 28, 2001.  
Japanese Patent Application No. 2001-278156 filed September 13, 2001.

Enclosed herewith are:

- [X] Specification (Description, Claims, Abstract): Pages 1 - 25; Number of claims 1 - 21  
[X] Declaration and Power of Attorney (executed)  
[X] 1 Sheet of drawing, Figure 1 [X] Formal [ ] Informal  
[X] Assignment and Form PTO-1595 Recordation Form Cover Sheet and Check for \$40.00

ASSIGNMENT INFORMATION FOR PUBLICATION:

DOWA MINING CO., LTD.  
8-2, Marunouchi 1-chome, Chiyoda-ku Tokyo, Japan

- [X] Certified copies of priority documents identified above  
[X] Information Disclosure Statement including Form PTO/SB/08A  
[ ] Preliminary Amendment  
[X] Change of Correspondence Address (Form PTO/SB/122)  
[X] Receipt Postcard

	Number Filed			Number Extra		Rate	Calculations
Total Claims	<u>43</u>	-20	=	<u>23</u>	x \$18.00	=	\$ <u>414.00</u>
Independent Claims	<u>5</u>	-3	=	<u>2</u>	x \$84.00	=	\$ <u>168.00</u>
MULTIPLE DEPENDENT CLAIMS					+ \$280.00	=	\$ <u>280.00</u>
					BASIC FEE		\$ <u>740.00</u>
					Total of above Calculations		\$ <u>1,602.00</u>

To the extent not tendered by check, authorization is given to charge any fees under 37 CFR 1.16 and 1.17 during pendency of the application, or to credit any overpayment, to Deposit Account No. 06-1378. Duplicate copy of this letter is enclosed.

FRISHAUF, HOLTZ, GOODMAN, LANGER & CHICK, P.C.

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HG/lpv  
Encs.